Exercise 1 A national park records data regarding the total fox population F over a 12 month period, where t=0 means January 1, t=1 means February 1, and so on. Below is the table of values they recorded:

F, foxe
150
143
125
100
75
57
50
57
75
100
125
143

Is t a function of F?

Multiple Choice:

- (a) Yes
- (b) No ✓

Is F a function of t?

$\label{eq:Multiple Choice: Multiple Choice:} Multiple \ Choice:$

- (a) Yes ✓
- (b) *No*

Exercise 1.1 (b) Let g(t) = F denote the fox population in month t. How many solution(s) are there to the equation g(t) = 125?.

Multiple Choice:

- (a) 0
- (b) 1
- (c) 2 ✓

(d) 3	
(e) 4	
(f) 5	
	What are the solutions to $g(t) = 125$? In the larger solution is $\boxed{10}$.